

**MODULAR PROTEIN LIBRARIES AND METHODS OF PREPARATION**

5

**ABSTRACT OF THE DISCLOSURE**

Novel proteins and libraries comprising ~~them~~ are disclosed. The proteins comprise one or more functional protein modules from different parent protein molecules. The proteins and libraries are exemplified by the preparation of cross-over chemokines comprising various combinations of peptide segments derived from RANTES, SDF-1 and vMIP-I and vMIP-II. The proteins and libraries are extremely pure and can be provided in non-limiting high yields suitable for diagnostic and high-throughput screening assays.